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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

10-9-2020

2020-10-09_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus

CORONAVIRUS / MICHIGAN DATA

Michigan Data



DATA ABOUT
PLACES

LONG TERM CARE FACILITIES

CORONAVIRUS
SYMPTOMS

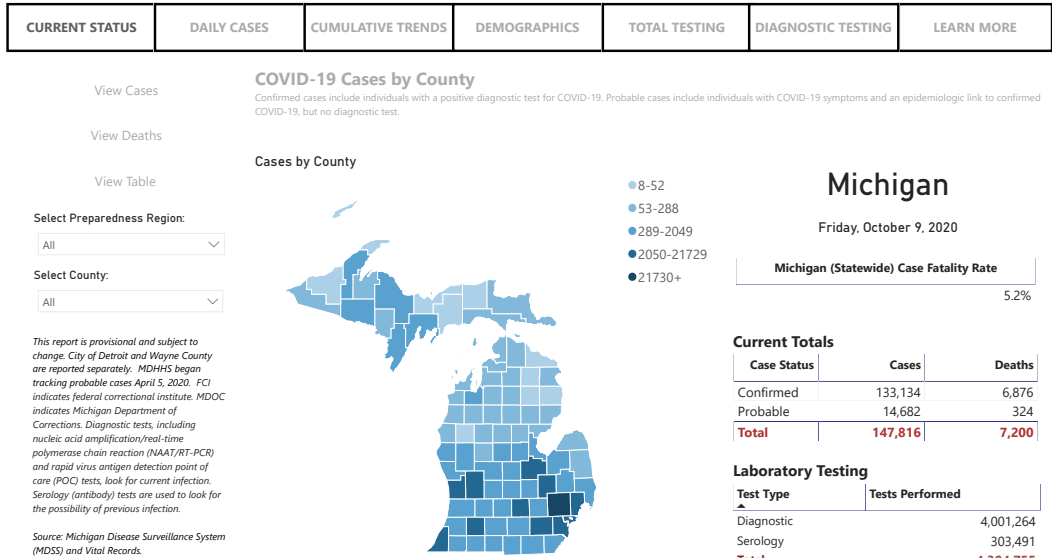
CUMULATIVE
RECOVERED

OUTBREAK
REPORTING





SCHOOL-RELATED
OUTBREAK REPORTING





Microsoft Power BI

< 1 of 7 >



Q

X

Cases by Hispanic/Latino Ethnicity		
Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	8%	3%
Non-Hispanic Latino	70%	86%
Unknown	22%	12%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	5%	2%
Non-Arab	55%	48%
Unknown	40%	50%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 10/09/2020

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 10/02/2020): **99,521**

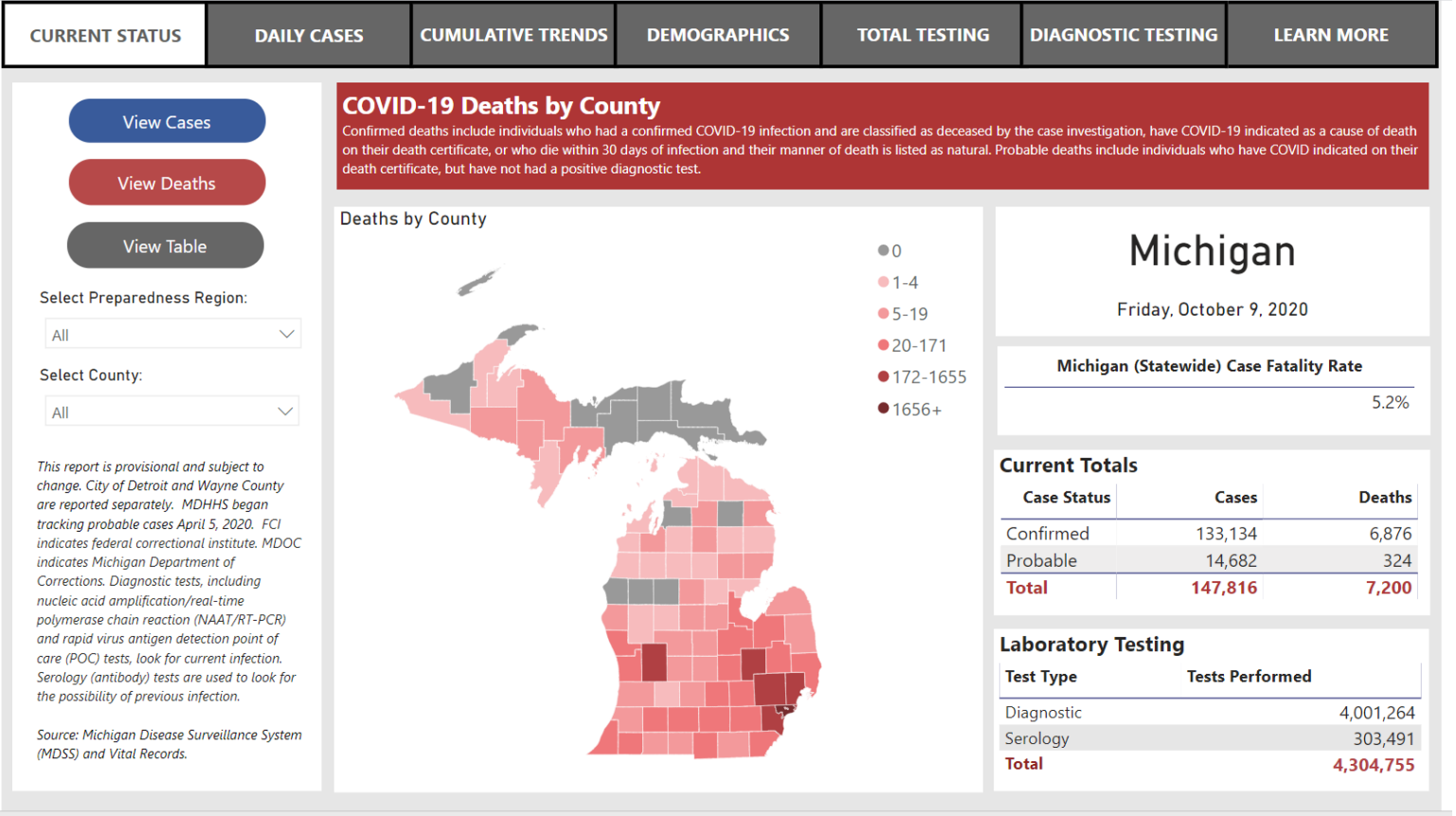
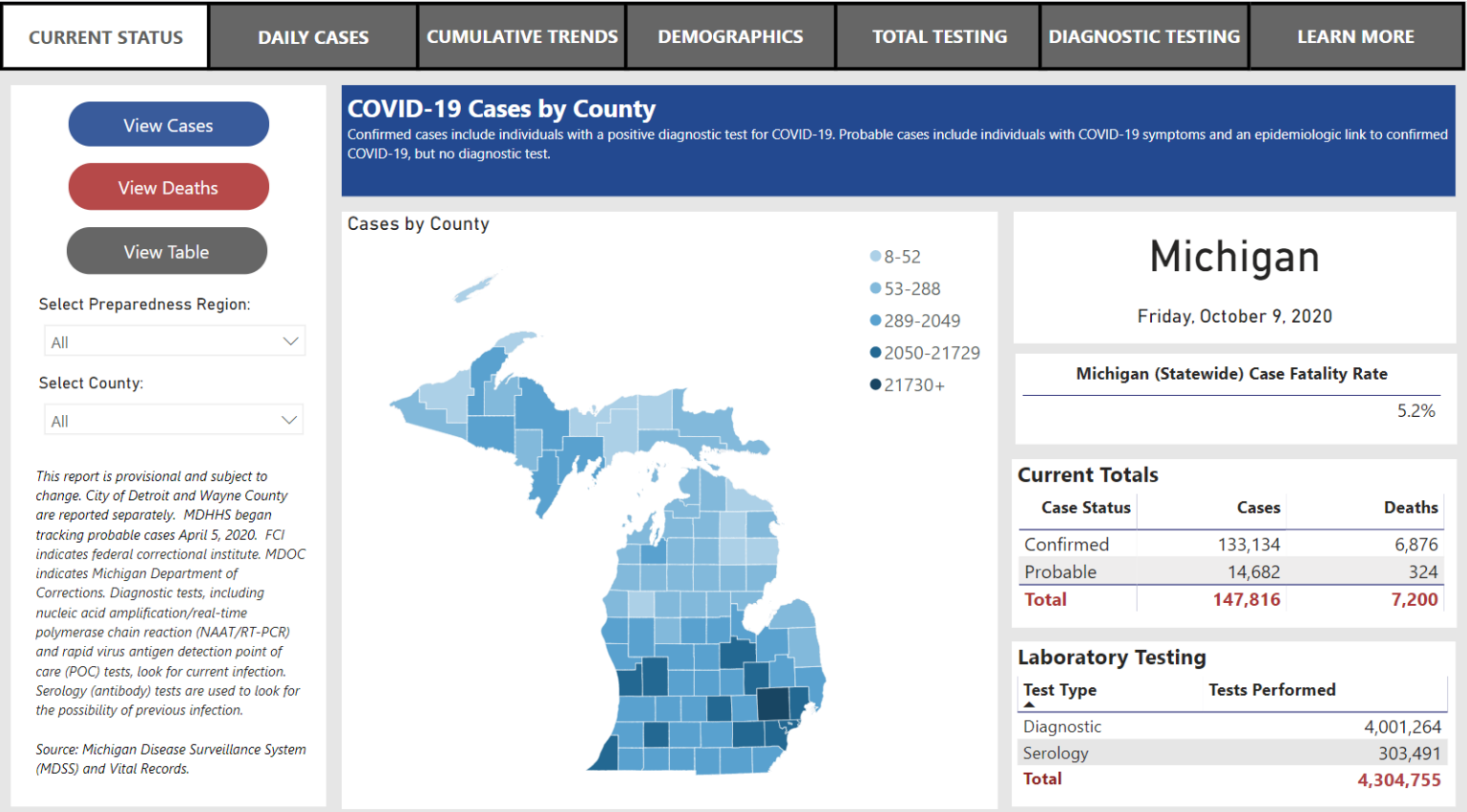
Note on recovery: During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on October 2, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to September 2, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

Source: Michigan Disease Surveillance System and Vital Records



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Confirmed Cases

Deaths

View Table

Select Preparedness Region:

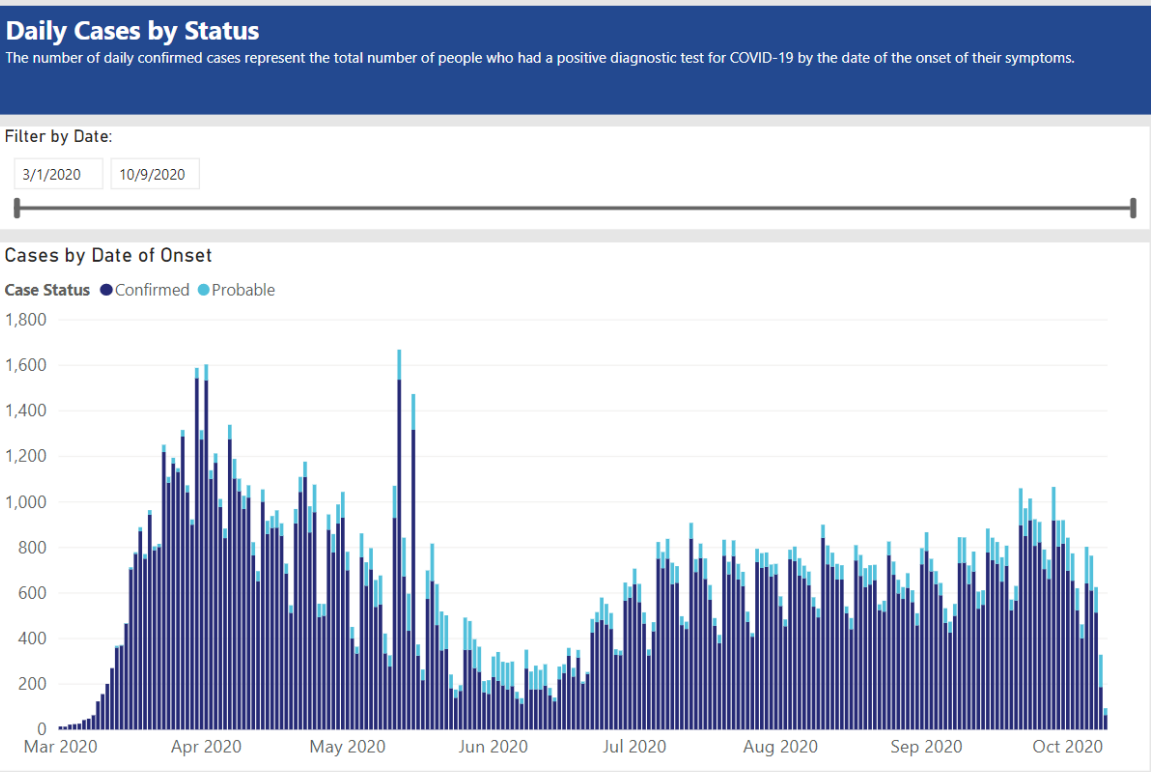
All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date or last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.



Confirmed Cases

Deaths

View Table

Select Preparedness Region:

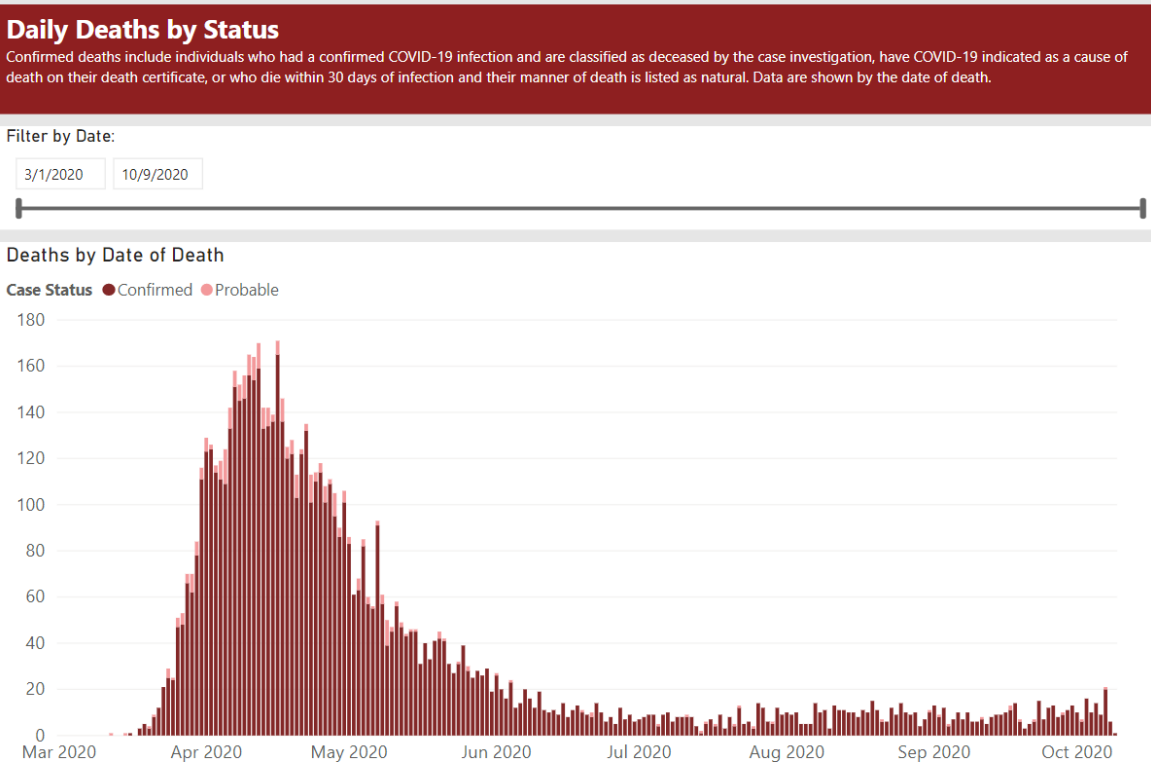
All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date or last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

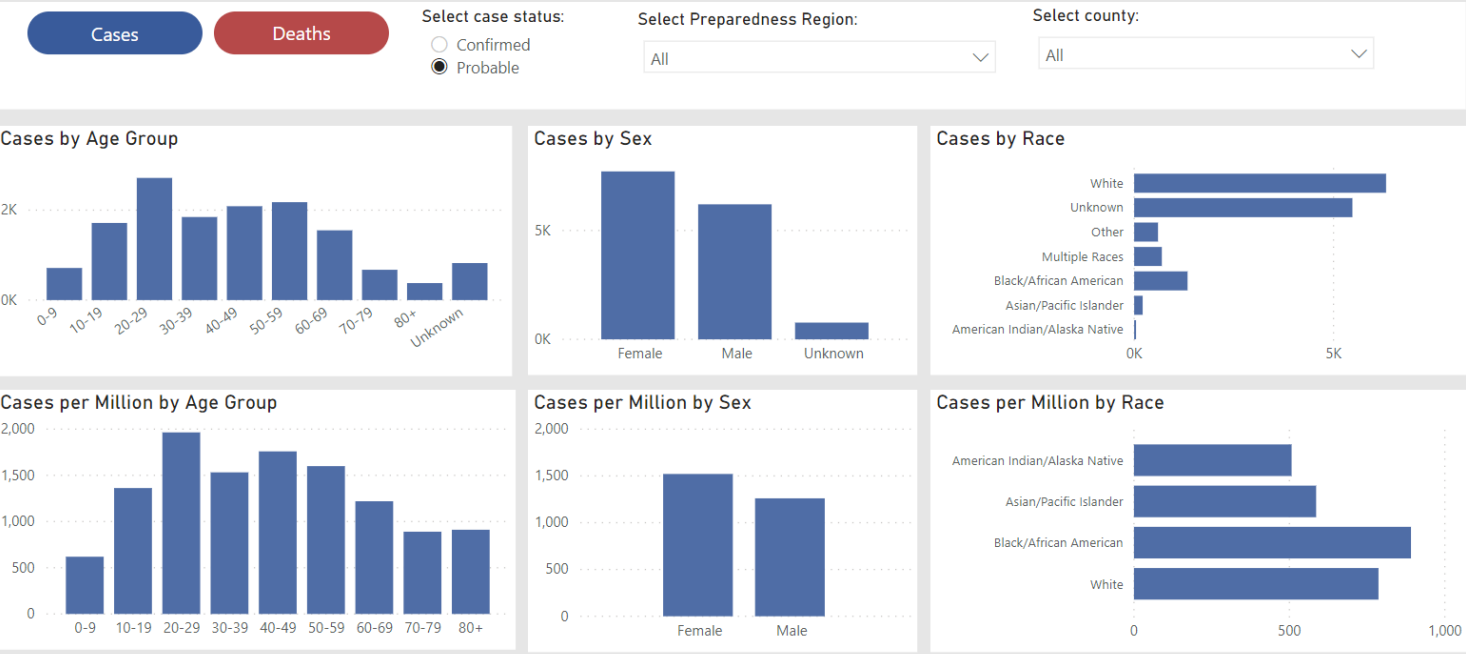
Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.





Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.



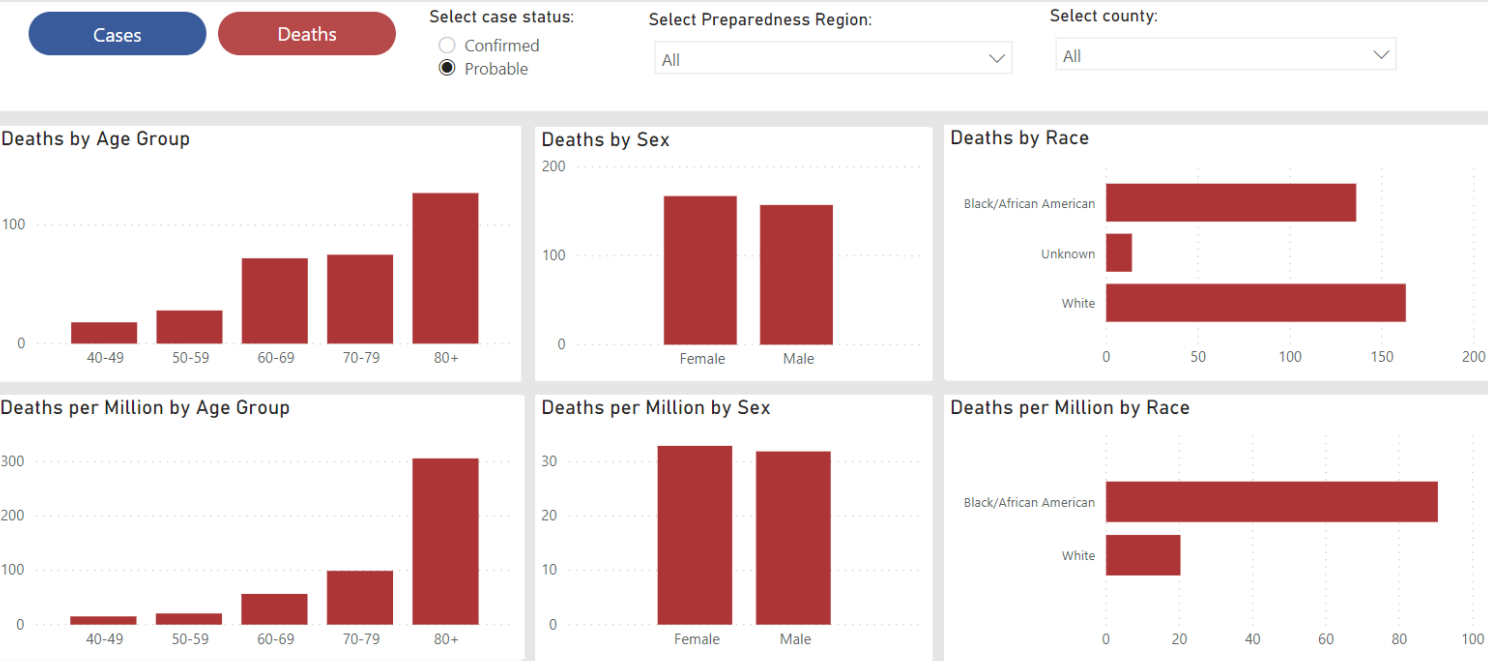
Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.



View Table

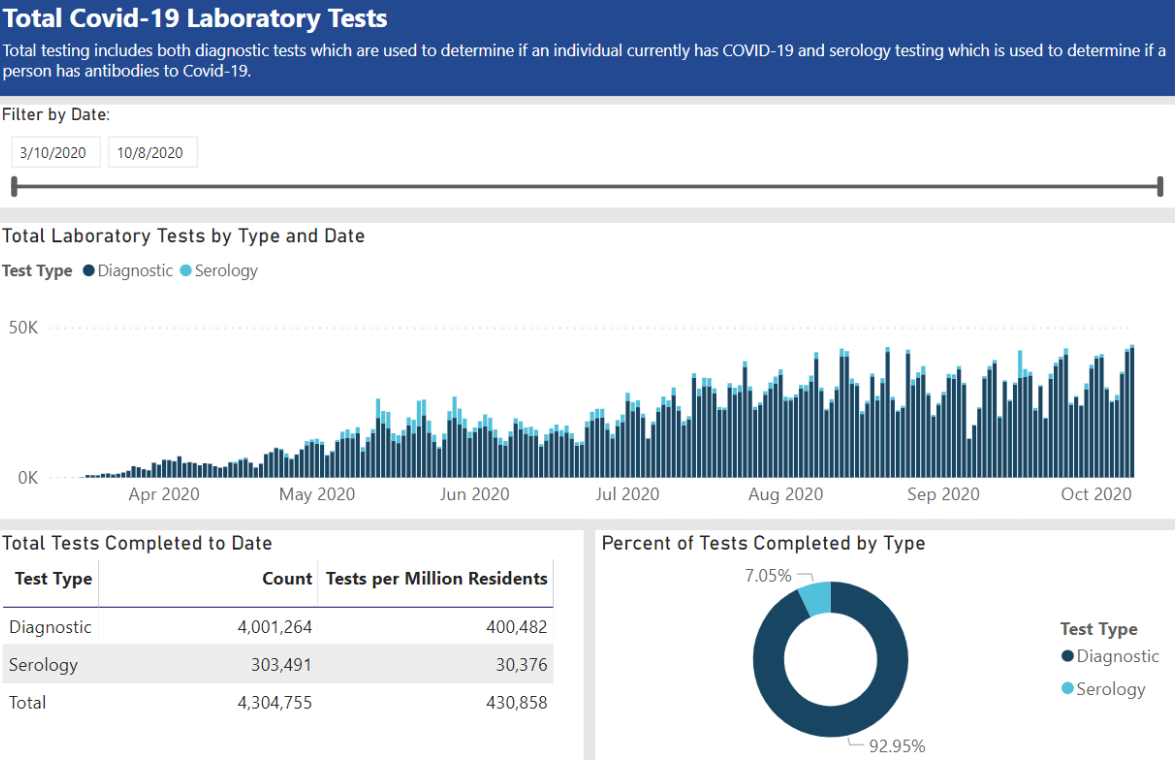
View Charts

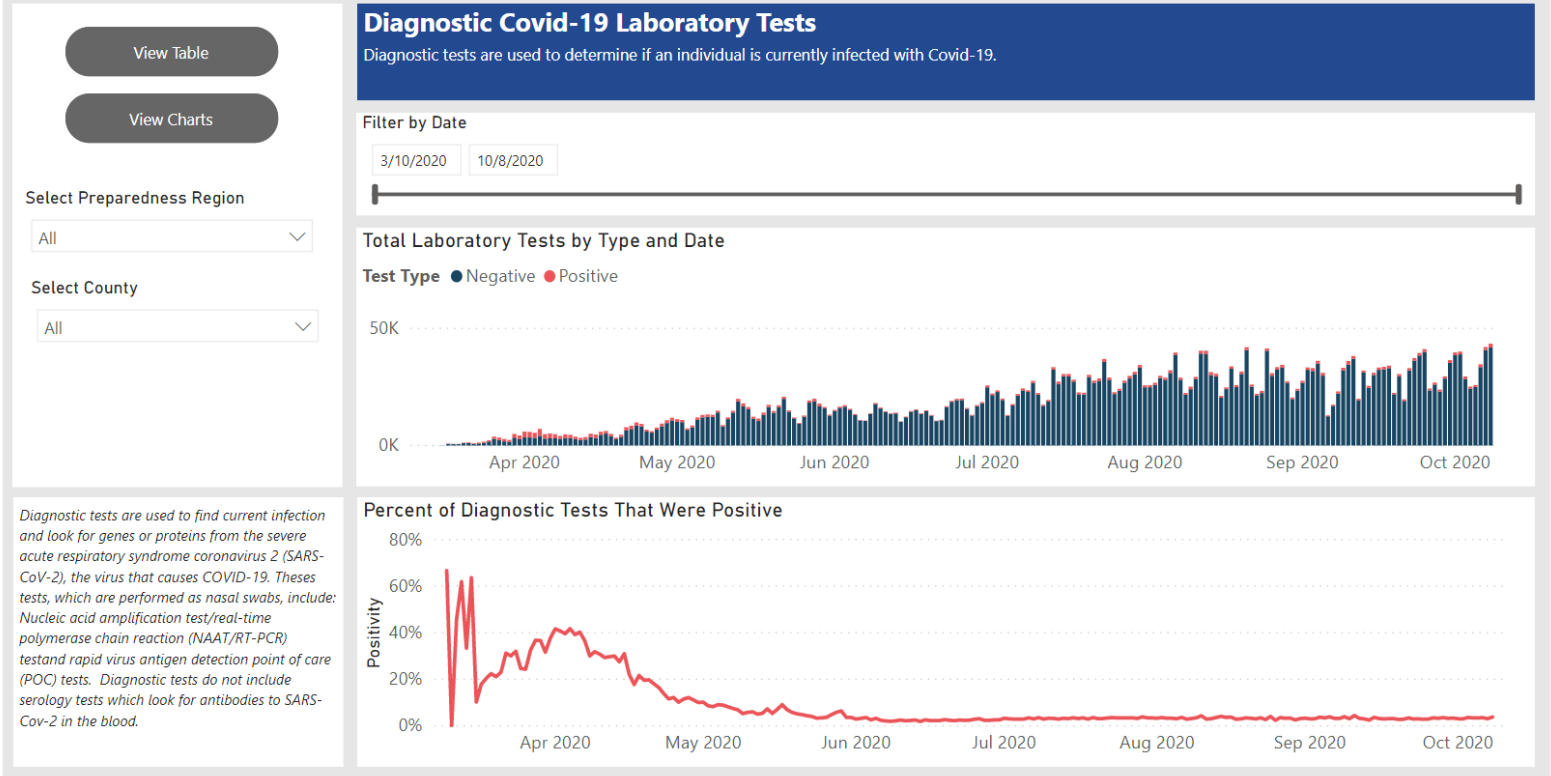
Select Preparedness Region:
All

Select County:
All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.





Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2020-10-09

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/10/09 14:04:41	Alcona	40	2	9	0
2020/10/09 14:04:41	Alger	31	0	10	0
2020/10/09 14:04:41	Allegan	794	7	94	0
2020/10/09 14:04:41	Alpena	127	14	18	0
2020/10/09 14:04:41	Antrim	71	0	9	0
2020/10/09 14:04:41	Arenac	74	3	7	0
2020/10/09 14:04:41	Baraga	43	3	10	0
2020/10/09 14:04:41	Barry	363	4	41	0
2020/10/09 14:04:41	Bay	994	54	105	0
2020/10/09 14:04:41	Benzie	85	2	5	0
2020/10/09 14:04:41	Berrien	1848	75	202	1
2020/10/09 14:04:41	Branch	610	8	80	1
2020/10/09 14:04:41	Calhoun	1586	49	187	2
2020/10/09 14:04:41	Cass	623	20	52	0
2020/10/09 14:04:41	Charlevoix	101	4	15	0
2020/10/09 14:04:41	Cheboygan	82	2	16	0
2020/10/09 14:04:41	Chippewa	57	0	32	0
2020/10/09 14:04:41	Clare	125	6	11	0
2020/10/09 14:04:41	Clinton	683	14	96	0
2020/10/09 14:04:41	Crawford	119	5	10	0
2020/10/09 14:04:41	Delta	701	13	95	0
2020/10/09 14:04:41	Dickinson	258	5	4	0
2020/10/09 14:04:41	Eaton	719	10	80	0
2020/10/09 14:04:41	Emmet	164	4	13	0
2020/10/09 14:04:41	Genesee	4367	285	834	26
2020/10/09 14:04:41	Gladwin	110	2	14	0
2020/10/09 14:04:41	Gogebic	170	1	16	1
2020/10/09 14:04:41	Grand Traverse	509	9	64	0
2020/10/09 14:04:41	Gratiot	288	16	43	0
2020/10/09 14:04:41	Hillsdale	349	26	35	1
2020/10/09 14:04:41	Houghton	645	4	139	0
2020/10/09 14:04:41	Huron	200	5	41	0
2020/10/09 14:04:41	Ingham	3876	52	77	0
2020/10/09 14:04:41	Ionia	406	7	39	0
2020/10/09 14:04:41	Iosco	205	12	39	1
2020/10/09 14:04:41	Iron	278	10	11	0
2020/10/09 14:04:41	Isabella	718	15	92	0
2020/10/09 14:04:41	Jackson	1259	49	32	2
2020/10/09 14:04:41	Kalamazoo	2835	93	718	3
2020/10/09 14:04:41	Kalkaska	79	4	17	0
2020/10/09 14:04:41	Kent	10238	169	858	3
2020/10/09 14:04:41	Keweenaw	12	0	1	0
2020/10/09 14:04:41	Lake	37	0	1	0
2020/10/09 14:04:41	Lapeer	568	36	116	1
2020/10/09 14:04:41	Leelanau	110	1	8	0
2020/10/09 14:04:41	Lenawee	871	18	49	0
2020/10/09 14:04:41	Livingston	1310	31	233	1

2020/10/09 14:04:41	Luce	21	0	5	0
2020/10/09 14:04:41	Mackinac	74	0	23	0
2020/10/09 14:04:41	Macomb	14968	991	787	49
2020/10/09 14:04:41	Manistee	85	3	6	0
2020/10/09 14:04:41	Marquette	399	12	95	0
2020/10/09 14:04:41	Mason	128	0	16	0
2020/10/09 14:04:41	Mecosta	269	3	16	0
2020/10/09 14:04:41	Menominee	456	3	69	0
2020/10/09 14:04:41	Midland	589	13	115	0
2020/10/09 14:04:41	Missaukee	54	1	16	0
2020/10/09 14:04:41	Monroe	1473	27	175	1
2020/10/09 14:04:41	Montcalm	358	7	31	0
2020/10/09 14:04:41	Montmorency	17	0	1	0
2020/10/09 14:04:41	Muskegon	1599	73	66	0
2020/10/09 14:04:41	Newaygo	424	2	14	0
2020/10/09 14:04:41	Oakland	17398	1166	4332	49
2020/10/09 14:04:41	Oceana	508	6	31	0
2020/10/09 14:04:41	Ogemaw	59	5	17	0
2020/10/09 14:04:41	Ontonagon	47	0	3	0
2020/10/09 14:04:41	Osceola	94	0	11	0
2020/10/09 14:04:41	Oscoda	30	1	20	0
2020/10/09 14:04:41	Otsego	172	12	24	0
2020/10/09 14:04:41	Ottawa	3693	64	179	5
2020/10/09 14:04:41	Presque Isle	27	1	2	0
2020/10/09 14:04:41	Roscommon	90	4	21	0
2020/10/09 14:04:41	Saginaw	2963	139	209	4
2020/10/09 14:04:41	Sanilac	150	6	7	1
2020/10/09 14:04:41	Schoolcraft	38	0	4	0
2020/10/09 14:04:41	Shiawassee	540	31	34	1
2020/10/09 14:04:41	St Clair	977	59	161	1
2020/10/09 14:04:41	St Joseph	775	11	126	0
2020/10/09 14:04:41	Tuscola	469	33	69	0
2020/10/09 14:04:41	Van Buren	744	16	89	2
2020/10/09 14:04:41	Washtenaw	3651	116	430	0
2020/10/09 14:04:41	Wayne	19244	1298	1588	50
2020/10/09 14:04:41	Wexford	123	4	17	0
2020/10/09 14:04:41	MDOC	5647	75	3	0
2020/10/09 14:04:41	FCI	190	5	5	0
2020/10/09 14:04:41	Out-of-State	195	1	8	1
2020/10/09 14:04:41	Unknown	1	0	7	0
2020/10/09 14:04:41	Detroit City	14657	1539	1172	117

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

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Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2020-10-09

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	10	0
Confirmed	10-19	American Indian/Alaska Native	Female	35	0
Confirmed	20-29	American Indian/Alaska Native	Female	68	0
Confirmed	30-39	American Indian/Alaska Native	Female	53	0
Confirmed	40-49	American Indian/Alaska Native	Female	51	0
Confirmed	50-59	American Indian/Alaska Native	Female	60	0
Confirmed	60-69	American Indian/Alaska Native	Female	30	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	20	Suppressed
Confirmed	80+	American Indian/Alaska Native	Female	9	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	0	0
Confirmed	0-9	Asian/Pacific Islander	Female	26	0
Confirmed	10-19	Asian/Pacific Islander	Female	95	0
Confirmed	20-29	Asian/Pacific Islander	Female	259	0
Confirmed	30-39	Asian/Pacific Islander	Female	267	0
Confirmed	40-49	Asian/Pacific Islander	Female	256	0
Confirmed	50-59	Asian/Pacific Islander	Female	220	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	124	Suppressed
Confirmed	70-79	Asian/Pacific Islander	Female	56	11
Confirmed	80+	Asian/Pacific Islander	Female	60	23
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	197	Suppressed
Confirmed	10-19	Black/African American	Female	539	Suppressed
Confirmed	20-29	Black/African American	Female	2210	Suppressed
Confirmed	30-39	Black/African American	Female	2162	8
Confirmed	40-49	Black/African American	Female	2273	54
Confirmed	50-59	Black/African American	Female	2200	110
Confirmed	60-69	Black/African American	Female	1991	233
Confirmed	70-79	Black/African American	Female	1360	326
Confirmed	80+	Black/African American	Female	1053	437
Confirmed	Unknown	Black/African American	Female	Suppressed	0
Confirmed	0-9	Multiple Races	Female	90	0
Confirmed	10-19	Multiple Races	Female	449	0
Confirmed	20-29	Multiple Races	Female	997	0
Confirmed	30-39	Multiple Races	Female	714	0
Confirmed	40-49	Multiple Races	Female	804	Suppressed
Confirmed	50-59	Multiple Races	Female	857	Suppressed
Confirmed	60-69	Multiple Races	Female	513	Suppressed
Confirmed	70-79	Multiple Races	Female	252	12
Confirmed	80+	Multiple Races	Female	224	24
Confirmed	Unknown	Multiple Races	Female	Suppressed	0
Confirmed	0-9	Other	Female	167	0
Confirmed	10-19	Other	Female	528	0
Confirmed	20-29	Other	Female	974	0
Confirmed	30-39	Other	Female	684	Suppressed
Confirmed	40-49	Other	Female	666	Suppressed
Confirmed	50-59	Other	Female	471	Suppressed
Confirmed	60-69	Other	Female	296	15

Confirmed	70-79	Other	Female	155	16
Confirmed	80+	Other	Female	126	25
Confirmed	Unknown	Other	Female	0	0
Confirmed	0-9	Unknown	Female	131	0
Confirmed	10-19	Unknown	Female	755	0
Confirmed	20-29	Unknown	Female	1441	0
Confirmed	30-39	Unknown	Female	1162	0
Confirmed	40-49	Unknown	Female	1281	Suppressed
Confirmed	50-59	Unknown	Female	1294	7
Confirmed	60-69	Unknown	Female	956	14
Confirmed	70-79	Unknown	Female	531	20
Confirmed	80+	Unknown	Female	584	32
Confirmed	Unknown	Unknown	Female	28	0
Confirmed	0-9	White	Female	647	0
Confirmed	10-19	White	Female	3990	0
Confirmed	20-29	White	Female	7620	Suppressed
Confirmed	30-39	White	Female	4397	10
Confirmed	40-49	White	Female	4520	27
Confirmed	50-59	White	Female	5003	71
Confirmed	60-69	White	Female	3860	189
Confirmed	70-79	White	Female	2787	416
Confirmed	80+	White	Female	3588	1171
Confirmed	Unknown	White	Female	24	0
Confirmed	0-9	American Indian/Alaska Native	Male	12	0
Confirmed	10-19	American Indian/Alaska Native	Male	25	0
Confirmed	20-29	American Indian/Alaska Native	Male	51	0
Confirmed	30-39	American Indian/Alaska Native	Male	47	0
Confirmed	40-49	American Indian/Alaska Native	Male	61	0
Confirmed	50-59	American Indian/Alaska Native	Male	50	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	38	8
Confirmed	70-79	American Indian/Alaska Native	Male	20	6
Confirmed	80+	American Indian/Alaska Native	Male	7	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	46	0
Confirmed	10-19	Asian/Pacific Islander	Male	96	0
Confirmed	20-29	Asian/Pacific Islander	Male	272	0
Confirmed	30-39	Asian/Pacific Islander	Male	238	0
Confirmed	40-49	Asian/Pacific Islander	Male	204	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	184	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	134	14
Confirmed	70-79	Asian/Pacific Islander	Male	59	15
Confirmed	80+	Asian/Pacific Islander	Male	38	17
Confirmed	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Confirmed	0-9	Black/African American	Male	193	0
Confirmed	10-19	Black/African American	Male	565	0
Confirmed	20-29	Black/African American	Male	1752	11
Confirmed	30-39	Black/African American	Male	1820	29
Confirmed	40-49	Black/African American	Male	2018	74
Confirmed	50-59	Black/African American	Male	2322	200
Confirmed	60-69	Black/African American	Male	2140	347

Confirmed	70-79	Black/African American	Male	1334	421
Confirmed	80+	Black/African American	Male	620	312
Confirmed	Unknown	Black/African American	Male	Suppressed	0
Confirmed	0-9	Multiple Races	Male	113	Suppressed
Confirmed	10-19	Multiple Races	Male	422	0
Confirmed	20-29	Multiple Races	Male	748	0
Confirmed	30-39	Multiple Races	Male	558	Suppressed
Confirmed	40-49	Multiple Races	Male	607	Suppressed
Confirmed	50-59	Multiple Races	Male	632	Suppressed
Confirmed	60-69	Multiple Races	Male	453	21
Confirmed	70-79	Multiple Races	Male	236	14
Confirmed	80+	Multiple Races	Male	96	16
Confirmed	Unknown	Multiple Races	Male	Suppressed	0
Confirmed	0-9	Other	Male	195	0
Confirmed	10-19	Other	Male	580	0
Confirmed	20-29	Other	Male	1109	Suppressed
Confirmed	30-39	Other	Male	834	Suppressed
Confirmed	40-49	Other	Male	721	7
Confirmed	50-59	Other	Male	537	9
Confirmed	60-69	Other	Male	327	27
Confirmed	70-79	Other	Male	167	21
Confirmed	80+	Other	Male	74	16
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	167	0
Confirmed	10-19	Unknown	Male	817	0
Confirmed	20-29	Unknown	Male	1547	0
Confirmed	30-39	Unknown	Male	1296	Suppressed
Confirmed	40-49	Unknown	Male	1299	10
Confirmed	50-59	Unknown	Male	1347	8
Confirmed	60-69	Unknown	Male	972	16
Confirmed	70-79	Unknown	Male	470	23
Confirmed	80+	Unknown	Male	287	29
Confirmed	Unknown	Unknown	Male	23	0
Confirmed	0-9	White	Male	737	0
Confirmed	10-19	White	Male	3371	0
Confirmed	20-29	White	Male	6343	Suppressed
Confirmed	30-39	White	Male	4130	14
Confirmed	40-49	White	Male	4081	43
Confirmed	50-59	White	Male	4967	129
Confirmed	60-69	White	Male	4104	316
Confirmed	70-79	White	Male	2750	536
Confirmed	80+	White	Male	2067	849
Confirmed	Unknown	White	Male	16	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	0	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	0	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	0	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	0	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	0	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	0	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	0	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	Suppressed	0
Confirmed	10-19	Black/African American	Unknown	7	0
Confirmed	20-29	Black/African American	Unknown	Suppressed	0
Confirmed	30-39	Black/African American	Unknown	Suppressed	0
Confirmed	40-49	Black/African American	Unknown	Suppressed	0
Confirmed	50-59	Black/African American	Unknown	Suppressed	0
Confirmed	60-69	Black/African American	Unknown	Suppressed	0
Confirmed	70-79	Black/African American	Unknown	Suppressed	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	0	0
Confirmed	0-9	Multiple Races	Unknown	0	0
Confirmed	10-19	Multiple Races	Unknown	Suppressed	0
Confirmed	20-29	Multiple Races	Unknown	8	0
Confirmed	30-39	Multiple Races	Unknown	Suppressed	0
Confirmed	40-49	Multiple Races	Unknown	Suppressed	0
Confirmed	50-59	Multiple Races	Unknown	Suppressed	Suppressed
Confirmed	60-69	Multiple Races	Unknown	Suppressed	0
Confirmed	70-79	Multiple Races	Unknown	Suppressed	0
Confirmed	80+	Multiple Races	Unknown	0	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	Suppressed	0
Confirmed	10-19	Other	Unknown	Suppressed	0
Confirmed	20-29	Other	Unknown	Suppressed	0
Confirmed	30-39	Other	Unknown	Suppressed	0
Confirmed	40-49	Other	Unknown	6	0
Confirmed	50-59	Other	Unknown	Suppressed	0
Confirmed	60-69	Other	Unknown	Suppressed	0
Confirmed	70-79	Other	Unknown	0	0
Confirmed	80+	Other	Unknown	0	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	8	0
Confirmed	10-19	Unknown	Unknown	8	0
Confirmed	20-29	Unknown	Unknown	39	0
Confirmed	30-39	Unknown	Unknown	29	0
Confirmed	40-49	Unknown	Unknown	38	0
Confirmed	50-59	Unknown	Unknown	26	0
Confirmed	60-69	Unknown	Unknown	14	0

Confirmed	70-79	Unknown	Unknown	Suppressed	0
Confirmed	80+	Unknown	Unknown	7	0
Confirmed	Unknown	Unknown	Unknown	Suppressed	0
Confirmed	0-9	White	Unknown	0	0
Confirmed	10-19	White	Unknown	20	0
Confirmed	20-29	White	Unknown	18	0
Confirmed	30-39	White	Unknown	7	0
Confirmed	40-49	White	Unknown	7	0
Confirmed	50-59	White	Unknown	6	0
Confirmed	60-69	White	Unknown	9	0
Confirmed	70-79	White	Unknown	Suppressed	0
Confirmed	80+	White	Unknown	Suppressed	0
Confirmed	Unknown	White	Unknown	0	0
Probable	0-9	American Indian/Alaska Native	Female	Suppressed	0
Probable	10-19	American Indian/Alaska Native	Female	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Female	9	0
Probable	30-39	American Indian/Alaska Native	Female	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Female	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Female	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Female	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80+	American Indian/Alaska Native	Female	0	0
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	9	0
Probable	10-19	Asian/Pacific Islander	Female	15	0
Probable	20-29	Asian/Pacific Islander	Female	29	0
Probable	30-39	Asian/Pacific Islander	Female	22	0
Probable	40-49	Asian/Pacific Islander	Female	12	0
Probable	50-59	Asian/Pacific Islander	Female	17	0
Probable	60-69	Asian/Pacific Islander	Female	6	0
Probable	70-79	Asian/Pacific Islander	Female	Suppressed	0
Probable	80+	Asian/Pacific Islander	Female	0	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	31	0
Probable	10-19	Black/African American	Female	53	0
Probable	20-29	Black/African American	Female	123	0
Probable	30-39	Black/African American	Female	106	0
Probable	40-49	Black/African American	Female	134	Suppressed
Probable	50-59	Black/African American	Female	143	8
Probable	60-69	Black/African American	Female	114	12
Probable	70-79	Black/African American	Female	51	12
Probable	80+	Black/African American	Female	35	24
Probable	Unknown	Black/African American	Female	7	0
Probable	0-9	Multiple Races	Female	23	0
Probable	10-19	Multiple Races	Female	52	0
Probable	20-29	Multiple Races	Female	66	0
Probable	30-39	Multiple Races	Female	25	0
Probable	40-49	Multiple Races	Female	58	0
Probable	50-59	Multiple Races	Female	63	0
Probable	60-69	Multiple Races	Female	42	0

Probable	70-79	Multiple Races	Female	14	0
Probable	80+	Multiple Races	Female	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Female	12	0
Probable	0-9	Other	Female	22	0
Probable	10-19	Other	Female	48	0
Probable	20-29	Other	Female	57	0
Probable	30-39	Other	Female	50	0
Probable	40-49	Other	Female	51	0
Probable	50-59	Other	Female	31	Suppressed
Probable	60-69	Other	Female	16	Suppressed
Probable	70-79	Other	Female	9	0
Probable	80+	Other	Female	Suppressed	0
Probable	Unknown	Other	Female	6	0
Probable	0-9	Unknown	Female	53	0
Probable	10-19	Unknown	Female	228	0
Probable	20-29	Unknown	Female	471	0
Probable	30-39	Unknown	Female	344	0
Probable	40-49	Unknown	Female	447	0
Probable	50-59	Unknown	Female	447	0
Probable	60-69	Unknown	Female	352	Suppressed
Probable	70-79	Unknown	Female	139	0
Probable	80+	Unknown	Female	75	Suppressed
Probable	Unknown	Unknown	Female	128	0
Probable	0-9	White	Female	181	0
Probable	10-19	White	Female	460	0
Probable	20-29	White	Female	686	0
Probable	30-39	White	Female	407	0
Probable	40-49	White	Female	497	Suppressed
Probable	50-59	White	Female	523	Suppressed
Probable	60-69	White	Female	333	16
Probable	70-79	White	Female	167	20
Probable	80+	White	Female	114	53
Probable	Unknown	White	Female	71	0
Probable	0-9	American Indian/Alaska Native	Male	Suppressed	0
Probable	10-19	American Indian/Alaska Native	Male	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Male	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Male	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Male	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Male	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Male	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Male	0	0
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	15	0
Probable	10-19	Asian/Pacific Islander	Male	8	0
Probable	20-29	Asian/Pacific Islander	Male	28	0
Probable	30-39	Asian/Pacific Islander	Male	22	0
Probable	40-49	Asian/Pacific Islander	Male	7	0
Probable	50-59	Asian/Pacific Islander	Male	10	0
Probable	60-69	Asian/Pacific Islander	Male	Suppressed	0

Probable	70-79	Asian/Pacific Islander	Male	Suppressed	Suppressed
Probable	80+	Asian/Pacific Islander	Male	0	0
Probable	Unknown	Asian/Pacific Islander	Male	0	0
Probable	0-9	Black/African American	Male	36	0
Probable	10-19	Black/African American	Male	49	0
Probable	20-29	Black/African American	Male	75	0
Probable	30-39	Black/African American	Male	62	0
Probable	40-49	Black/African American	Male	63	8
Probable	50-59	Black/African American	Male	92	8
Probable	60-69	Black/African American	Male	88	21
Probable	70-79	Black/African American	Male	46	25
Probable	80+	Black/African American	Male	20	15
Probable	Unknown	Black/African American	Male	Suppressed	0
Probable	0-9	Multiple Races	Male	28	0
Probable	10-19	Multiple Races	Male	50	0
Probable	20-29	Multiple Races	Male	58	0
Probable	30-39	Multiple Races	Male	38	0
Probable	40-49	Multiple Races	Male	50	Suppressed
Probable	50-59	Multiple Races	Male	38	0
Probable	60-69	Multiple Races	Male	27	0
Probable	70-79	Multiple Races	Male	13	0
Probable	80+	Multiple Races	Male	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Male	12	0
Probable	0-9	Other	Male	22	0
Probable	10-19	Other	Male	53	0
Probable	20-29	Other	Male	66	0
Probable	30-39	Other	Male	51	0
Probable	40-49	Other	Male	50	0
Probable	50-59	Other	Male	24	0
Probable	60-69	Other	Male	18	Suppressed
Probable	70-79	Other	Male	8	Suppressed
Probable	80+	Other	Male	Suppressed	0
Probable	Unknown	Other	Male	6	0
Probable	0-9	Unknown	Male	53	0
Probable	10-19	Unknown	Male	225	0
Probable	20-29	Unknown	Male	376	0
Probable	30-39	Unknown	Male	330	Suppressed
Probable	40-49	Unknown	Male	313	Suppressed
Probable	50-59	Unknown	Male	346	0
Probable	60-69	Unknown	Male	242	Suppressed
Probable	70-79	Unknown	Male	98	Suppressed
Probable	80+	Unknown	Male	39	Suppressed
Probable	Unknown	Unknown	Male	94	0
Probable	0-9	White	Male	212	0
Probable	10-19	White	Male	436	0
Probable	20-29	White	Male	603	Suppressed
Probable	30-39	White	Male	340	Suppressed
Probable	40-49	White	Male	338	Suppressed
Probable	50-59	White	Male	391	6
Probable	60-69	White	Male	268	15

Probable	70-79	White	Male	112	13
Probable	80+	White	Male	79	27
Probable	Unknown	White	Male	38	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	0	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	0	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-9	Black/African American	Unknown	0	0
Probable	10-19	Black/African American	Unknown	0	0
Probable	20-29	Black/African American	Unknown	Suppressed	0
Probable	30-39	Black/African American	Unknown	0	0
Probable	40-49	Black/African American	Unknown	0	0
Probable	50-59	Black/African American	Unknown	Suppressed	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	0	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	Suppressed	0
Probable	10-19	Multiple Races	Unknown	Suppressed	0
Probable	20-29	Multiple Races	Unknown	Suppressed	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	Suppressed	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	Suppressed	0
Probable	0-9	Other	Unknown	Suppressed	0
Probable	10-19	Other	Unknown	Suppressed	0
Probable	20-29	Other	Unknown	0	0
Probable	30-39	Other	Unknown	0	0
Probable	40-49	Other	Unknown	Suppressed	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	Suppressed	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	Suppressed	0
Probable	0-9	Unknown	Unknown	16	0
Probable	10-19	Unknown	Unknown	24	0
Probable	20-29	Unknown	Unknown	44	0
Probable	30-39	Unknown	Unknown	39	0
Probable	40-49	Unknown	Unknown	47	0
Probable	50-59	Unknown	Unknown	33	0
Probable	60-69	Unknown	Unknown	30	0
Probable	70-79	Unknown	Unknown	9	0
Probable	80+	Unknown	Unknown	Suppressed	0
Probable	Unknown	Unknown	Unknown	428	0
Probable	0-9	White	Unknown	7	0
Probable	10-19	White	Unknown	8	0
Probable	20-29	White	Unknown	11	0
Probable	30-39	White	Unknown	Suppressed	0
Probable	40-49	White	Unknown	10	0
Probable	50-59	White	Unknown	9	0
Probable	60-69	White	Unknown	Suppressed	0
Probable	70-79	White	Unknown	0	0
Probable	80+	White	Unknown	Suppressed	0
Probable	Unknown	White	Unknown	10	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2020-10-09

Updated	COUNTY	TestType	Count	RatePerMillion
2020/10/09 14:04:44	Alcona	Serology	67	6439
2020/10/09 14:04:44	Alcona	Diagnostic	2332	224123
2020/10/09 14:04:44	Alcona	Total	2399	230562
2020/10/09 14:04:44	Alger	Serology	88	9662
2020/10/09 14:04:44	Alger	Diagnostic	1487	163263
2020/10/09 14:04:44	Alger	Total	1575	172925
2020/10/09 14:04:44	Allegan	Serology	1061	8985
2020/10/09 14:04:44	Allegan	Diagnostic	36719	310965
2020/10/09 14:04:44	Allegan	Total	37780	319950
2020/10/09 14:04:44	Alpena	Diagnostic	3401	119732
2020/10/09 14:04:44	Alpena	Serology	221	7780
2020/10/09 14:04:44	Alpena	Total	3622	127513
2020/10/09 14:04:44	Antrim	Diagnostic	6310	270537
2020/10/09 14:04:44	Antrim	Serology	182	7803
2020/10/09 14:04:44	Antrim	Total	6492	278340
2020/10/09 14:04:44	Arenac	Diagnostic	4325	290600
2020/10/09 14:04:44	Arenac	Serology	164	11019
2020/10/09 14:04:44	Arenac	Total	4489	301619
2020/10/09 14:04:44	Baraga	Diagnostic	4173	508344
2020/10/09 14:04:44	Baraga	Serology	45	5482
2020/10/09 14:04:44	Baraga	Total	4218	513826
2020/10/09 14:04:44	Barry	Diagnostic	19198	311909
2020/10/09 14:04:44	Barry	Serology	772	12543
2020/10/09 14:04:44	Barry	Total	19970	324452
2020/10/09 14:04:44	Bay	Diagnostic	39194	380059
2020/10/09 14:04:44	Bay	Serology	2125	20606
2020/10/09 14:04:44	Bay	Total	41319	400665
2020/10/09 14:04:44	Benzie	Diagnostic	4741	266858
2020/10/09 14:04:44	Benzie	Serology	157	8837
2020/10/09 14:04:44	Benzie	Total	4898	275695
2020/10/09 14:04:44	Berrien	Serology	2259	14726
2020/10/09 14:04:44	Berrien	Diagnostic	76081	495962
2020/10/09 14:04:44	Berrien	Total	78340	510688
2020/10/09 14:04:44	Branch	Diagnostic	11514	264586
2020/10/09 14:04:44	Branch	Serology	173	3975
2020/10/09 14:04:44	Branch	Total	11687	268562
2020/10/09 14:04:44	Calhoun	Diagnostic	63119	470479
2020/10/09 14:04:44	Calhoun	Serology	829	6179
2020/10/09 14:04:44	Calhoun	Total	63948	476658
2020/10/09 14:04:44	Cass	Diagnostic	13008	251183
2020/10/09 14:04:44	Cass	Serology	283	5465
2020/10/09 14:04:44	Cass	Total	13291	256647
2020/10/09 14:04:44	Charlevoix	Diagnostic	7462	285430
2020/10/09 14:04:44	Charlevoix	Serology	416	15912
2020/10/09 14:04:44	Charlevoix	Total	7878	301343
2020/10/09 14:04:44	Cheboygan	Serology	217	8585
2020/10/09 14:04:44	Cheboygan	Diagnostic	4100	162209

2020/10/09 14:04:44	Cheboygan	Total	4317	170794
2020/10/09 14:04:44	Chippewa	Diagnostic	5918	158451
2020/10/09 14:04:44	Chippewa	Serology	136	3641
2020/10/09 14:04:44	Chippewa	Total	6054	162093
2020/10/09 14:04:44	Clare	Diagnostic	5432	175509
2020/10/09 14:04:44	Clare	Serology	360	11632
2020/10/09 14:04:44	Clare	Total	5792	187141
2020/10/09 14:04:44	Clinton	Diagnostic	19997	251234
2020/10/09 14:04:44	Clinton	Serology	2606	32741
2020/10/09 14:04:44	Clinton	Total	22603	283975
2020/10/09 14:04:44	Correctional	Diagnostic	126092	
2020/10/09 14:04:44	Correctional	Serology	11355	
2020/10/09 14:04:44	Correctional	Total	137447	
2020/10/09 14:04:44	Crawford	Serology	98	6986
2020/10/09 14:04:44	Crawford	Diagnostic	3151	224606
2020/10/09 14:04:44	Crawford	Total	3249	231592
2020/10/09 14:04:44	Delta	Serology	257	7182
2020/10/09 14:04:44	Delta	Diagnostic	14250	398223
2020/10/09 14:04:44	Delta	Total	14507	405405
2020/10/09 14:04:44	Detroit City	Serology	15324	23582
2020/10/09 14:04:44	Detroit City	Diagnostic	299945	461593
2020/10/09 14:04:44	Detroit City	Total	315269	485176
2020/10/09 14:04:44	Dickinson	Diagnostic	4766	188835
2020/10/09 14:04:44	Dickinson	Serology	71	2813
2020/10/09 14:04:44	Dickinson	Total	4837	191648
2020/10/09 14:04:44	Eaton	Diagnostic	42787	388027
2020/10/09 14:04:44	Eaton	Serology	3972	36021
2020/10/09 14:04:44	Eaton	Total	46759	424049
2020/10/09 14:04:44	Emmet	Serology	878	26276
2020/10/09 14:04:44	Emmet	Diagnostic	10069	301332
2020/10/09 14:04:44	Emmet	Total	10947	327607
2020/10/09 14:04:44	Genesee	Serology	11587	28553
2020/10/09 14:04:44	Genesee	Diagnostic	112149	276356
2020/10/09 14:04:44	Genesee	Total	123736	304909
2020/10/09 14:04:44	Gladwin	Serology	271	10649
2020/10/09 14:04:44	Gladwin	Diagnostic	5898	231758
2020/10/09 14:04:44	Gladwin	Total	6169	242406
2020/10/09 14:04:44	Gogebic	Diagnostic	8573	613453
2020/10/09 14:04:44	Gogebic	Serology	100	7156
2020/10/09 14:04:44	Gogebic	Total	8673	620608
2020/10/09 14:04:44	Grand Traverse	Serology	1427	15330
2020/10/09 14:04:44	Grand Traverse	Diagnostic	26607	285826
2020/10/09 14:04:44	Grand Traverse	Total	28034	301156
2020/10/09 14:04:44	Gratiot	Diagnostic	19283	473656
2020/10/09 14:04:44	Gratiot	Serology	450	11054
2020/10/09 14:04:44	Gratiot	Total	19733	484709
2020/10/09 14:04:44	Hillsdale	Diagnostic	13340	292512
2020/10/09 14:04:44	Hillsdale	Serology	350	7675
2020/10/09 14:04:44	Hillsdale	Total	13690	300186
2020/10/09 14:04:44	Houghton	Diagnostic	13412	375855

2020/10/09 14:04:44	Houghton	Serology	146	4091
2020/10/09 14:04:44	Houghton	Total	13558	379946
2020/10/09 14:04:44	Huron	Diagnostic	10605	342307
2020/10/09 14:04:44	Huron	Serology	281	9070
2020/10/09 14:04:44	Huron	Total	10886	351377
2020/10/09 14:04:44	Ingham	Diagnostic	121286	414786
2020/10/09 14:04:44	Ingham	Serology	13687	46808
2020/10/09 14:04:44	Ingham	Total	134973	461594
2020/10/09 14:04:44	Ionia	Serology	1132	17497
2020/10/09 14:04:44	Ionia	Diagnostic	22849	353169
2020/10/09 14:04:44	Ionia	Total	23981	370666
2020/10/09 14:04:44	Iosco	Diagnostic	8312	330800
2020/10/09 14:04:44	Iosco	Serology	224	8915
2020/10/09 14:04:44	Iosco	Total	8536	339714
2020/10/09 14:04:44	Iron	Diagnostic	8366	756009
2020/10/09 14:04:44	Iron	Serology	34	3072
2020/10/09 14:04:44	Iron	Total	8400	759082
2020/10/09 14:04:44	Isabella	Diagnostic	14787	211630
2020/10/09 14:04:44	Isabella	Serology	579	8287
2020/10/09 14:04:44	Isabella	Total	15366	219916
2020/10/09 14:04:44	Jackson	Serology	1608	10144
2020/10/09 14:04:44	Jackson	Diagnostic	72958	460274
2020/10/09 14:04:44	Jackson	Total	74566	470418
2020/10/09 14:04:44	Kalamazoo	Diagnostic	95433	360035
2020/10/09 14:04:44	Kalamazoo	Serology	3194	12050
2020/10/09 14:04:44	Kalamazoo	Total	98627	372085
2020/10/09 14:04:44	Kalkaska	Diagnostic	6853	379920
2020/10/09 14:04:44	Kalkaska	Serology	158	8759
2020/10/09 14:04:44	Kalkaska	Total	7011	388679
2020/10/09 14:04:44	Kent	Serology	17468	26589
2020/10/09 14:04:44	Kent	Diagnostic	286020	435372
2020/10/09 14:04:44	Kent	Total	303488	461962
2020/10/09 14:04:44	Keweenaw	Diagnostic	677	319943
2020/10/09 14:04:44	Keweenaw	Serology	18	8507
2020/10/09 14:04:44	Keweenaw	Total	695	328450
2020/10/09 14:04:44	Lake	Diagnostic	3908	329706
2020/10/09 14:04:44	Lake	Serology	115	9702
2020/10/09 14:04:44	Lake	Total	4023	339408
2020/10/09 14:04:44	Lapeer	Serology	1686	19245
2020/10/09 14:04:44	Lapeer	Diagnostic	20511	234125
2020/10/09 14:04:44	Lapeer	Total	22197	253370
2020/10/09 14:04:44	Leelanau	Diagnostic	4571	210055
2020/10/09 14:04:44	Leelanau	Serology	231	10615
2020/10/09 14:04:44	Leelanau	Total	4802	220670
2020/10/09 14:04:44	Lenawee	Diagnostic	28709	291607
2020/10/09 14:04:44	Lenawee	Serology	934	9487
2020/10/09 14:04:44	Lenawee	Total	29643	301094
2020/10/09 14:04:44	Livingston	Diagnostic	63167	329003
2020/10/09 14:04:44	Livingston	Serology	4737	24673
2020/10/09 14:04:44	Livingston	Total	67904	353676

2020/10/09 14:04:44	Luce	Diagnostic	1711	274683
2020/10/09 14:04:44	Luce	Serology	34	5458
2020/10/09 14:04:44	Luce	Total	1745	280141
2020/10/09 14:04:44	Mackinac	Serology	59	5463
2020/10/09 14:04:44	Mackinac	Diagnostic	2577	238633
2020/10/09 14:04:44	Mackinac	Total	2636	244097
2020/10/09 14:04:44	Macomb	Serology	30053	34387
2020/10/09 14:04:44	Macomb	Diagnostic	263592	301602
2020/10/09 14:04:44	Macomb	Total	293645	335989
2020/10/09 14:04:44	Manistee	Diagnostic	5651	230108
2020/10/09 14:04:44	Manistee	Serology	274	11157
2020/10/09 14:04:44	Manistee	Total	5925	241266
2020/10/09 14:04:44	Marquette	Diagnostic	37562	563157
2020/10/09 14:04:44	Marquette	Serology	954	14303
2020/10/09 14:04:44	Marquette	Total	38516	577460
2020/10/09 14:04:44	Mason	Diagnostic	11467	393460
2020/10/09 14:04:44	Mason	Serology	473	16230
2020/10/09 14:04:44	Mason	Total	11940	409690
2020/10/09 14:04:44	Mecosta	Serology	473	10885
2020/10/09 14:04:44	Mecosta	Diagnostic	14187	326491
2020/10/09 14:04:44	Mecosta	Total	14660	337376
2020/10/09 14:04:44	Menominee	Diagnostic	6508	285689
2020/10/09 14:04:44	Menominee	Serology	44	1932
2020/10/09 14:04:44	Menominee	Total	6552	287621
2020/10/09 14:04:44	Midland	Serology	1896	22801
2020/10/09 14:04:44	Midland	Diagnostic	15288	183847
2020/10/09 14:04:44	Midland	Total	17184	206648
2020/10/09 14:04:44	Missaukee	Diagnostic	3387	224038
2020/10/09 14:04:44	Missaukee	Serology	131	8665
2020/10/09 14:04:44	Missaukee	Total	3518	232703
2020/10/09 14:04:44	Monroe	Serology	2617	17389
2020/10/09 14:04:44	Monroe	Diagnostic	41793	277694
2020/10/09 14:04:44	Monroe	Total	44410	295083
2020/10/09 14:04:44	Montcalm	Diagnostic	24778	387835
2020/10/09 14:04:44	Montcalm	Serology	1069	16732
2020/10/09 14:04:44	Montcalm	Total	25847	404567
2020/10/09 14:04:44	Montmorency	Diagnostic	1630	174743
2020/10/09 14:04:44	Montmorency	Serology	122	13079
2020/10/09 14:04:44	Montmorency	Total	1752	187822
2020/10/09 14:04:44	Muskegon	Diagnostic	71820	413791
2020/10/09 14:04:44	Muskegon	Serology	1465	8441
2020/10/09 14:04:44	Muskegon	Total	73285	422231
2020/10/09 14:04:44	Newaygo	Serology	726	14822
2020/10/09 14:04:44	Newaygo	Diagnostic	16119	329094
2020/10/09 14:04:44	Newaygo	Total	16845	343916
2020/10/09 14:04:44	Oakland	Serology	66321	52737
2020/10/09 14:04:44	Oakland	Diagnostic	424548	337590
2020/10/09 14:04:44	Oakland	Total	490869	390327
2020/10/09 14:04:44	Oceana	Serology	367	13866
2020/10/09 14:04:44	Oceana	Diagnostic	13894	524956

2020/10/09 14:04:44	Oceana	Total	14261	538822
2020/10/09 14:04:44	Ogemaw	Diagnostic	5022	239177
2020/10/09 14:04:44	Ogemaw	Serology	176	8382
2020/10/09 14:04:44	Ogemaw	Total	5198	247559
2020/10/09 14:04:44	Ontonagon	Serology	30	5245
2020/10/09 14:04:44	Ontonagon	Diagnostic	3139	548776
2020/10/09 14:04:44	Ontonagon	Total	3169	554021
2020/10/09 14:04:44	Osceola	Diagnostic	8907	379668
2020/10/09 14:04:44	Osceola	Serology	320	13640
2020/10/09 14:04:44	Osceola	Total	9227	393308
2020/10/09 14:04:44	Oscoda	Diagnostic	1590	192938
2020/10/09 14:04:44	Oscoda	Serology	73	8858
2020/10/09 14:04:44	Oscoda	Total	1663	201796
2020/10/09 14:04:44	Otsego	Diagnostic	4743	192273
2020/10/09 14:04:44	Otsego	Serology	291	11797
2020/10/09 14:04:44	Otsego	Total	5034	204070
2020/10/09 14:04:44	Ottawa	Diagnostic	118641	406541
2020/10/09 14:04:44	Ottawa	Serology	5183	17760
2020/10/09 14:04:44	Ottawa	Total	123824	424302
2020/10/09 14:04:44	Presque Isle	Diagnostic	2153	170982
2020/10/09 14:04:44	Presque Isle	Serology	151	11992
2020/10/09 14:04:44	Presque Isle	Total	2304	182973
2020/10/09 14:04:44	Roscommon	Diagnostic	6574	273700
2020/10/09 14:04:44	Roscommon	Serology	303	12615
2020/10/09 14:04:44	Roscommon	Total	6877	286315
2020/10/09 14:04:44	Saginaw	Diagnostic	86888	456012
2020/10/09 14:04:44	Saginaw	Serology	2409	12643
2020/10/09 14:04:44	Saginaw	Total	89297	468655
2020/10/09 14:04:44	Sanilac	Serology	503	12218
2020/10/09 14:04:44	Sanilac	Diagnostic	13819	335657
2020/10/09 14:04:44	Sanilac	Total	14322	347875
2020/10/09 14:04:44	Schoolcraft	Diagnostic	1963	242525
2020/10/09 14:04:44	Schoolcraft	Serology	44	5436
2020/10/09 14:04:44	Schoolcraft	Total	2007	247961
2020/10/09 14:04:44	Shiawassee	Serology	1564	22959
2020/10/09 14:04:44	Shiawassee	Diagnostic	22828	335105
2020/10/09 14:04:44	Shiawassee	Total	24392	358063
2020/10/09 14:04:44	St Clair	Diagnostic	38255	240404
2020/10/09 14:04:44	St Clair	Serology	4276	26871
2020/10/09 14:04:44	St Clair	Total	42531	267275
2020/10/09 14:04:44	St Joseph	Diagnostic	20112	329900
2020/10/09 14:04:44	St Joseph	Serology	674	11056
2020/10/09 14:04:44	St Joseph	Total	20786	340955
2020/10/09 14:04:44	Tuscola	Diagnostic	22546	431544
2020/10/09 14:04:44	Tuscola	Serology	692	13245
2020/10/09 14:04:44	Tuscola	Total	23238	444789
2020/10/09 14:04:44	Unknown	Diagnostic	235666	
2020/10/09 14:04:44	Unknown	Serology	19746	
2020/10/09 14:04:44	Unknown	Total	255412	
2020/10/09 14:04:44	Van Buren	Diagnostic	32411	428281

2020/10/09 14:04:44	Van Buren	Serology	671	8867
2020/10/09 14:04:44	Van Buren	Total	33082	437147
2020/10/09 14:04:44	Washtenaw	Serology	10739	29214
2020/10/09 14:04:44	Washtenaw	Diagnostic	162609	442352
2020/10/09 14:04:44	Washtenaw	Total	173348	471566
2020/10/09 14:04:44	Wayne	Diagnostic	449557	407277
2020/10/09 14:04:44	Wayne	Serology	43755	39640
2020/10/09 14:04:44	Wayne	Total	493312	446917
2020/10/09 14:04:44	Wexford	Diagnostic	9484	282002
2020/10/09 14:04:44	Wexford	Serology	280	8326
2020/10/09 14:04:44	Wexford	Total	9764	290327

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detention facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to deduplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2020-10-09

MessageDate	COUNTY	Negative	Positive	Total
10/8/2020	Alcona	27	0	27
10/8/2020	Alger	14	4	18
10/8/2020	Allegan	473	19	492
10/8/2020	Alpena	32	0	32
10/8/2020	Antrim	45	2	47
10/8/2020	Arenac	29	5	34
10/8/2020	Baraga	52	0	52
10/8/2020	Barry	127	8	135
10/8/2020	Bay	427	10	437
10/8/2020	Benzie	62	2	64
10/8/2020	Berrien	610	31	641
10/8/2020	Branch	194	10	204
10/8/2020	Calhoun	598	36	634
10/8/2020	Cass	190	10	200
10/8/2020	Charlevoix	60	0	60
10/8/2020	Cheboygan	31	0	31
10/8/2020	Chippewa	32	0	32
10/8/2020	Clare	24	1	25
10/8/2020	Clinton	191	6	197
10/8/2020	Correctional	2852	16	2868
10/8/2020	Crawford	12	0	12
10/8/2020	Delta	242	32	274
10/8/2020	Detroit City	2079	50	2129
10/8/2020	Dickinson	44	1	45
10/8/2020	Eaton	371	27	398
10/8/2020	Emmet	81	1	82
10/8/2020	Genesee	1190	84	1274
10/8/2020	Gladwin	137	1	138
10/8/2020	Gogebic	248	3	251
10/8/2020	Grand Traverse	306	13	319
10/8/2020	Gratiot	102	2	104
10/8/2020	Hillsdale	149	4	153
10/8/2020	Houghton	216	13	229
10/8/2020	Huron	192	2	194
10/8/2020	Ingham	1174	73	1247
10/8/2020	Ionia	314	12	326
10/8/2020	Iosco	59	3	62
10/8/2020	Iron	63	0	63
10/8/2020	Isabella	140	21	161
10/8/2020	Jackson	695	21	716
10/8/2020	Kalamazoo	1211	80	1291
10/8/2020	Kalkaska	84	2	86
10/8/2020	Kent	3091	167	3258
10/8/2020	Keweenaw	4	0	4
10/8/2020	Lake	26	0	26
10/8/2020	Lapeer	298	2	300
10/8/2020	Leelanau	44	0	44

10/8/2020	Lenawee	494	20	514
10/8/2020	Livingston	612	14	626
10/8/2020	Luce	13	1	14
10/8/2020	Mackinac	25	4	29
10/8/2020	Macomb	2300	161	2461
10/8/2020	Manistee	204	1	205
10/8/2020	Marquette	511	15	526
10/8/2020	Mason	92	2	94
10/8/2020	Mecosta	268	12	280
10/8/2020	Menominee	84	3	87
10/8/2020	Midland	104	1	105
10/8/2020	Missaukee	19	0	19
10/8/2020	Monroe	570	7	577
10/8/2020	Montcalm	291	7	298
10/8/2020	Montmorency	16	2	18
10/8/2020	Muskegon	779	48	827
10/8/2020	Newaygo	240	8	248
10/8/2020	Oakland	4311	140	4451
10/8/2020	Oceana	240	3	243
10/8/2020	Ogemaw	17	0	17
10/8/2020	Ontonagon	81	0	81
10/8/2020	Osceola	77	2	79
10/8/2020	Oscoda	1	0	1
10/8/2020	Otsego	47	4	51
10/8/2020	Ottawa	1140	77	1217
10/8/2020	Presque Isle	22	2	24
10/8/2020	Roscommon	32	0	32
10/8/2020	Saginaw	929	37	966
10/8/2020	Sanilac	150	0	150
10/8/2020	Schoolcraft	50	0	50
10/8/2020	Shiawassee	412	10	422
10/8/2020	St Clair	420	13	433
10/8/2020	St Joseph	241	6	247
10/8/2020	Tuscola	222	6	228
10/8/2020	Unknown	1298	47	1345
10/8/2020	Van Buren	414	17	431
10/8/2020	Washtenaw	2038	39	2077
10/8/2020	Wayne	4403	160	4563
10/8/2020	Wexford	57	2	59